

Item # \_\_\_\_\_

Prepared by Tracee L. Stills  
Roads and Bridges

Approved by \_\_\_\_\_  
County Attorney

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**Resolution approving the expenditure of funds by Shelby County Government to Construction Products Inc. of Tennessee for precast concrete channel slabs in the approximate amount of \$585,610.00 from July 1, 2008 to June 30, 2009 and this item requires the expenditure of State Gas Tax Funds in the amount of \$585,610.00. Sponsored by Commissioner Wyatt Bunker.**

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**WHEREAS**, The Shelby County Roads and Bridges Department has a need to purchase precast concrete channel slabs; and

**WHEREAS**, Precast concrete channel slabs will be used by the Shelby County Roads and Bridges Department for the repair and rehabilitation of numerous bridge structures throughout unincorporated Shelby County; and

**WHEREAS**, Sealed bids were requested and received on May 20, 2008 and the lowest/best bids meeting specifications were received from Construction Products Inc. of Tennessee in the amount of \$585,610.00; and

**WHEREAS**, The period of award is from July 1, 2008 through June 30, 2009.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF SHELBY COUNTY, TENNESSEE**, That the expenditure of funds to Construction Products Inc. of Tennessee for \$585,610.00, from July 1, 2008 through June 30, 2009, is hereby approved.

**BE IT FURTHER RESOLVED**, That the expenditure of funds is contingent upon the adoption of FY2008-2009 Budget.

**BE IT FURTHER RESOLVED**, That the Purchasing Department is authorized to issue purchase orders for this material from the FY2008-2009 O & M Budget account number 071-301002-6044 Roads and Bridges Department, Materials-Roads, subject to the availability of funds at the time the purchase orders are issued.

**BE IT FURTHER RESOLVED**, That the County Mayor is hereby authorized to execute any and all documents necessary for the completion of this purchase.

**BE IT FURTHER RESOLVED**, That the County Mayor and the Director of Administration and Finance are authorized to issue their warrant(s) to Construction Products Inc. of Tennessee not to exceed a total of \$585,610.00 for the purposes contained in this resolution and to take proper credit in their accounting therefor.

\_\_\_\_\_  
A C Wharton, Jr., County Mayor

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Clerk of County Commission

ADOPTED: \_\_\_\_\_

## SUMMARY SHEET

### **I. Description of Item**

**Resolution approving the expenditure of funds by Shelby County Government to Construction Products Inc. of Tennessee for precast concrete channel slabs in the approximate amount of \$585,610.00 from July 1, 2008 to June 30, 2009 and this item requires the expenditure of State Gas Tax Funds in the amount of \$585,610.00. Sponsored by Commissioner Wyatt Bunker.**

### **II. Source and Amount of Funding**

#### A. Amount Expended/Budget Line Item

\$585,610.00 from State Gasoline Tax funds and other dedicated revenues of the Roads and Bridges Fund; expenditures to be recorded in account number 071-301002-6044, Materials-Roads.

#### B. All Costs (Direct/Indirect)

Direct Costs as stated above; no indirect costs.

#### C. Additional or Subsequent Obligations or Expenses of Shelby County

### **III. Contract Items**

Not Applicable

### **IV. Additional Information Relevant to Approval of this Item**

The Shelby County Roads and Bridges Department has the need to purchase precast channel slabs (pccs) for the repair and rehabilitation of twenty-two (22) bridges throughout unincorporated Shelby County.

The precast channel slabs (pccs) will be used to replace existing precast channel slabs that are in poor condition. These units in conjunction with a three-inch asphalt overlay comprise the deck and superstructure of the bridge. Failure of these units constitutes failure of the bridge. There are generally eight units per span. On the twenty-two (22) bridges shown in the chart below, we will be replacing only those units in each span that are deteriorated.

The work will entail removal of the existing asphalt from the bridge, removal of the damaged pccs units, replacement with new units, and a new asphalt overlay on the deck. On the structures that require exterior units, guardrail and terminal anchors will replace the existing post and beam parapet walls.

These repairs should add five to ten years of serviceability to the structures repaired, will upgrade the condition rating of five (5) of the structures from “poor” to “fair” and will satisfy some of the major maintenance recommendations from the Tennessee Department of Transportation (TDOT) and Shelby County bridge inspections. The alternative to this type of rehabilitation is complete replacement of the structure. For many of the bridges we are repairing in this manner, the total cost of the rehabilitation will be less than the design cost alone of a total replacement.

To the best of our knowledge, there are no known LOSB vendors that provide precast concrete channel slabs for the purposes of this contract.

Bridges 20 Linear Feet or Longer							
Bridge Name				Federal Id. Number	Units Necessary		Condition Rating
PCCS Replacement					Exterior	Interior	
Brunswick Road @ Carter Branch				79014590003	6	0	Fair
Chambers Road @ Sanders Branch				790A0540001	8	10	Fair
Charles Bartlett Road @ Bear Creek				790A0710003	0	7	Fair
Charles Bryan Road @ Fletcher Creek				790A6330001	0	3	Fair
Collierville-Arlington Road @ Overflow				79S80740029	1	21	Poor
Collierville-Arlington Rd. @ Old Beaver Creek				79SR2050027	5	15	Poor
Collierville-Arlington Road @ Wilcox Creek				790A1520001	6	8	Poor
Collierville Arlington (Town of Arlington)				79S80740043	5	23	Poor
Fleming Road @ Wilson Creek				790A7330001	6	18	Fair
Independence Road @ Hammontree Creek				790A0410001	0	5	Fair
Kerrville-Rosemark Road @ Overflow				79014660007	0	7	Fair
Long Road @ Panther Creek				790A1610001	0	8	Fair
Pleasant Ridge Road @ Lizard Branch				790A1600001	0	5	Fair
Quinn Road @ Nonconnah Creek				790A2390001	0	6	Fair
Rankin Branch Road @ Jake's Creek				790A0370001	0	11	Fair
Shelby Road @ Bear Creek				79014620003	10	20	Poor
Subtotal:      47      167							
Bridges Less Than 20 Linear Feet In Length							
Bridge Name				Local Id. Number	Units Necessary		Condition Rating
PCCS Replacement					Exterior	Interior	
Brunswick Road @ Pecan Creek				79-0D887-10.90	0	2	Fair
Cuba-Millington @ Hertz Creek				79-0C199-03.27	0	3	Fair
Herring Hill Road @ Short Branch Creek				79-0A339-00.88	2	4	Fair
Herring Hill Road @ Bending Branch Brook				79-0A339-00.91	2	5	Fair
Lenow Road @ Chan's Creek				79-0F005-01.35	0	1	Fair
Tracy Road @ Brice Creek				79-0B435-02.00	0	2	Fair
Subtotal:      4      17							
Total:      51      184							